

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Canceled)

2. (Currently Amended) A medical material comprising:

a base material,

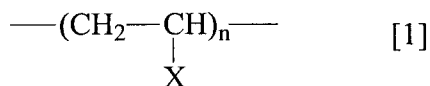
a diamond-like carbon film formed on a surface of said base material, and

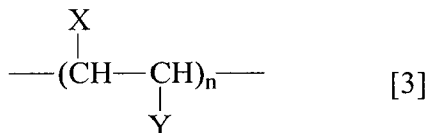
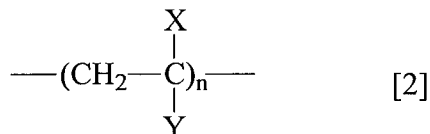
a biocompatible component covalently bonded to a surface of the diamond-like carbon film,

wherein said biocompatible component is a polymer of ~~vinyl monomers, vinylidene monomers, vinylene monomers or cyclic vinylene monomers.~~ chain,

one end of the polymer chain is covalently bonded to the surface of the diamond-like carbon film, and

polymer chain has a structure represented by any one of the following formulas [1]-[3]:





wherein X and Y each an ester or amido, and X and Y when in the same molecule are identical or different from one another, and
n is an integer equal to or more than 2.

3-8. **(Canceled)**

9. **(Original)** The medical material of claim 2, wherein an intermediate layer is provided between the base material and the diamond-like carbon film to improve adhesion between the base material and the diamond-like carbon film.

10. **(Original)** The medical material of claim 9, wherein the intermediate layer is an amorphous film containing silicon and carbon as primary constituents.

11. **(Canceled)**

12. **(Previously Presented)** The medical material of claim 2, wherein the base material is a metal material, ceramic material, or macromolecular material, or a complex thereof.

13. **(Previously Presented)** A medical instrument formed by using the medical material of claim 2.

14. **(Original)** The medical instrument of claim 13, wherein the medical instrument is a medical instrument which is to be embedded in a living body.

15. **(Original)** The medical instrument of claim 14, wherein the medical instrument is a catheter, guide wire, stent, artificial cardiovalvular membrane, or artificial joint.

16-27. **(Canceled)**

28. **(Previously Presented)** The medical material of claim 2, wherein the biocompatible component is a polymer of hydrophilic 2-hydroxypropyl methacryl amide.

29. **(Currently Amended)** ~~The medical material of claim 2, wherein~~ A medical material comprising:

a base material,

a diamond-like carbon film formed on a surface of said base material, and

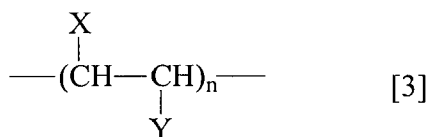
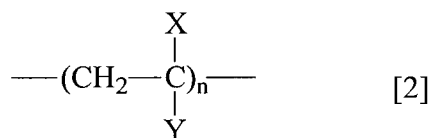
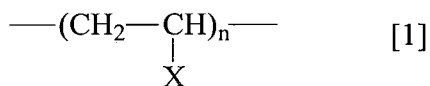
a biocompatible component covalently bonded to a surface of the diamond-like carbon film,

wherein said biocompatible component is a polymer chain,

the polymer chain is covalently bonded via an ester linkage to the surface of the diamond-like carbon film, and

the polymer chain has a structure represented by any one of the following formulas [1]-

[3]:



wherein X and Y each an ester or amido, and X and Y when in the same molecule are identical or different from one another, and

n is an integer equal to or more than 2.

30. (Canceled)